

GeoEye-1 Satellite Public Summary

GeoEye-1 is scheduled for launch on Aug. 22, 2008 and will be lifted into a polar orbit aboard a United Launch Alliance Delta II from Vandenberg Air Force Base, California. After a 45-day checkout period, we expect to start GeoEye-1 commercial operations in October 2008.

GeoEye-1 is equipped with the most advanced and sophisticated technology ever used in a commercial Earth-imaging satellite. The 4,300-pound satellite will be the world's highest resolution imaging satellite, designed to take highly precise images of the Earth from 425 miles (684 kilometers) in space. It will collect imagery that can distinguish objects on the Earth's surface as small as 0.41-meters or about 16 inches in size.

It will also simultaneously collect multispectral or color imagery at 1.65-meter ground resolution. While the satellite will be able to collect imagery at 0.41-meters, GeoEye's operating license from the NOAA requires re-sampling the imagery to half-meter for all customers not explicitly granted a waiver by the U.S. Government.

Besides unsurpassed spatial resolution, GeoEye-1 will offer three-meter geolocation accuracy, which means that customers can map natural and man-made features to within three meters (about 9 feet) of their actual location on the surface of the Earth without ground control points. This degree of inherent accuracy has never been achieved in any commercial imaging system and will remain unchallenged even when next-generation commercial systems are launched in the coming years.

For more information about GeoEye-1's technical specifications, please visit <http://launch.geoeye.com><<http://launch.geoeye.com/>>.